



IMA News

March 1, 2013

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Below are articles and summaries of **magnesium** related stories. Members are asked to distribute the update to their employees – if their employees wish to receive the IMA Weekly Update, please send their email addresses to the IMA Head Office. We appreciate your company press releases and announcements for inclusion in the Weekly Update.

INDUSTRY CALENDAR

May 19 – 22, 2013

70th Annual IMA World Magnesium Conference
Xi'an, China
www.IMAworldconference.org

March 3 – 7, 2013

TMS 2013
San Antonio, Texas, USA
<http://www.tms.org/meetings/annual-13/AM13home.aspx>

March 27 – 28, 2013

Minor Metal Asia Conference
Hong Kong
<http://www.metalbulletin.com/EventDetails/0/5329/Minor-Metals-Asia.html>

April 24 – 25, 2013

Global Automotive Lightweight Materials 2013
London, England
<http://www.global-automotive-lightweight-materials.com/>

June 10 – 13 2013

RAPID 2013
Pittsburgh, Pennsylvania, USA
<http://rapid.sme.org/2013/public/enter.aspx>

September 3 – 5, 2013

Euro LightMAT 2013
Bremen, Germany
<http://www.dgm.de/dgm/lightMAT2013/>

October 6 – 8, 2013

[5th Asian Symposium on Magnesium Alloys](#)
Toki Messe
Niigata, Japan

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ASSOCIATION NEWS

IMA 70th Annual World Magnesium Conference in Xi'an, China:

- *Registration Open!*
- *Awards of Excellence and Environmental Responsibility Award – Deadline Extended!*
- *Program at a Glance Available*
- *Hotel Reservation Form and Room Details*

IMA 70th World Conference: Important Time-Sensitive Visa Application Information

Welcome our New IMA Member!

2013 IMA Member Dues Invoices – *Final Invoices Have Been Sent*

Discount for IMA Members – Minor Metal Asia Conference

IMA Membership Directory and Buyer's Guide Form Now Available Online - *Now Available Online*

The IMA Invites You to Join Our LinkedIn Group

[Articles follow below](#)

INDUSTRY NEWS

Latrobe Magnesium Encouraged by Magnesium Recovery Results

Dycast International Announces New Service Offering

[Articles follow below](#)

ASIA NEWS

China Magnesium Industry Market Bulletin

[Article follows below](#)

EDITOR'S NOTE: IMA makes every possible effort to substantiate the articles which appear in the Weekly Update. However, as this is not always possible IMA does not warrant the details nor accuracy of any given article. Please keep in mind that materials are attained through press releases, outside articles from numerous sources and publications. Such materials often contain opinions which are not that of the association nor should they be construed as such. We realize that in the case of some materials, the translations might often lead to less than perfect grammar, etc. It is our position however to print as submitted rather than take upon ourselves the editing of such materials which would entail potential changes unwanted by any given author.

ASSOCIATION NEWS

IMA 70th Annual World Magnesium Conference in Xi'an, China:

Registration Open!

The World Magnesium Conference is scheduled for May 19-21, 2013 with an optional Terra Cotta Warriors and Horses tour available to attendees on May 22. Online registration is now open. Please visit the conference website to access the online registration website at www.IMAworldconference.org.

Click [here](#) to download the 2013 IMA Annual World Magnesium Registration form should you prefer to fax or mail your registration to the IMA Head Office.

Awards of Excellence and Environmental Responsibility Award – Deadline Extended!

Awards of Excellence

Receive international and industry-wide recognition for your accomplishments. The IMA Awards of Excellence are a wonderful opportunity for participants in the magnesium industry to showcase outstanding magnesium products and innovative manufacturing technologies.

AWARD CATEGORIES

- Design (two categories)
- Process
- Application

Winning entries will be recognized during 2013 World Magnesium Conference, May 19-21, 2013 in Xi'an, China. Winners will receive plaques and have their entry prominently displayed during the entire IMA Conference. For more details and to enter, please click [here](#) for the Call for Entries/Official Entry Form.

Deadline for Awards of Excellence Entries - Extended! March 15, 2013

Environmental Responsibility Award

The IMA International Environmental Responsibility Award was created to recognize companies that are playing an active role in reducing the magnesium industry's carbon footprint and that exemplify the industry's commitment to environmental responsibility. The Award is open to all companies within the global magnesium industry, and is intended to include all aspects of the magnesium industry from primary production through to end-user industries.

AWARD CATEGORIES AND JUDGING CRITERIA

The award(s) will be presented based on the achieved and documented reduction of carbon dioxide equivalents. Winning entrant(s) will be those that present significant advancements based on the achieved and documented reduction of carbon dioxide equivalents for the year 2012. The awards will be judged by a panel of international experts. Awards will be presented in each of the following categories:

- Group 1: Magnesium Production and Processing
- Group 2: Magnesium Applications and Components

For more details and to enter, please click [here](#) for the Call for Entries/Official Entry Form.

Deadline for Environmental Responsibility Award Entries - Extended! March 15, 2013

Program at a Glance Available

The Program at a Glance is now available. Please click [here](#) to view or download the schedule.

Hotel Reservation Form and Details

Western delegates are invited to stay at the **Xi'an International Conference Center, Qujiang Hotel** (<http://www.qujianghotel.com/index.htm>). The website is in Chinese, however if you hover over the individual links at the bottom of the home page, the hotel has added some information in English for our delegates.

Please click [here](#) to download the room reservation form that you may fax to the hotel. **The Qujiang Hotel does not offer online reservation services.** You may also call to make your reservation at +86 29 8522 3333, x1666. The deluxe single room is RMB490 and the deluxe double room is RMB560. There are multiple room options available. Please see the [reservation form](#) for more information.

We encourage all delegates to apply for their Chinese visas as soon as possible. For more information see below.

IMA World Conference: Important Time-Sensitive Visa Application Information

It is recommended that all potential delegates prepare to apply for a Chinese visa as soon as possible. The IMA is working with the China Magnesium Association to obtain the required Letters of Invitation. Click here to enter your information and begin the process of obtaining a Letter of Invitation: <https://ima2013.wufoo.com/forms/ima-2013-annual-conference-chinese-visa-request/>

Letters of Invitation will be issued by the China Nonferrous Industry Association (CNIA). The CNIA requires a scanned copy of your Passport (in .jpg format).

Turnaround time for obtaining a Letter of Invitation will be approximately two weeks. If you have not heard back from the IMA within three weeks please contact the IMA at info@intlomag.org. Please note that due to the National Holiday in China there will be a delay in processing of some letters.

Delegates are welcome to obtain a Letter of Invitation from another source. Should U.S. passport holders need to expedite the visa process, or to find more information, visit the following websites:

Perry International: perryvisa.com (<http://perryvisa.com/>)

CIBTvisas: cibtvisas.com (<http://cibtvisas.com/>)

If you already have a valid visa for travel to China, you do not require a Letter of Invitation.

Welcome our New IMA Member!

We would like to introduce you to our newest member!

- Ms. Utsavi Joshi, Brunel University, London; Student member (February 2013)

2013 IMA Member Dues Invoices – *Final Invoices Have Been Sent*

The final invoices for 2013 IMA member dues were sent in January. If you are not current in your dues and have not yet contacted the IMA to request an extension, we ask that you please submit your dues payment to become current. Thank you very much for your support of the IMA!

Discount for IMA Members – Minor Metal Asia Conference

Are you thinking about attending the Minor Metal Asia Conference in Hong Kong from March 27 - 28, 2013? The IMA is a partner for both conferences and all IMA members will be provided a 15% discount when registering for either conference. You can register in one of two ways:

1. Download the registration form:

<http://www.intlmag.org/assets/pdfs/MinorMetalsBookingFormIMADiscount.pdf>

2. Or register online and use the promotional code of **MMIMA15**. The website is as follows:

Minor Metal Asia Conference, Hong Kong <http://www.metalbulletin.com/EventDetails/0/5329/Minor-Metals-Asia.html>

IMA Membership Directory and Buyer's Guide Update Form - *Now Available Online*

The 2013 IMA Membership Directory and Buyer's Guide form is now available in the [Members Only](#) section of the IMA website. You are now able to download the form whenever your organization needs to make changes to primary contact information or capabilities and certifications. Please send the completed form at any time to info@intlomag.org or by fax to the IMA Head Office at ++1-847-526-3993. You can also mail the form to the IMA Head Office at International Magnesium Association, 1000 N. Rand Road, Suite 214, Wauconda, IL 60084, USA.

The IMA Invites You to Join Our LinkedIn Group

LinkedIn is an excellent virtual networking tool and knowledge sharing resource, allowing people to make connections without actually going out and meeting people face-to-face and exchanging business cards. The venue offers the opportunity to exchange strategic ideas with a much larger base of **magnesium** professionals from around the world. With the steady popularity of social networking usage, LinkedIn fits in perfectly within the **magnesium** business professional networking environment.

Our IMA Group community is growing very quickly. We have 294 members worldwide who use LinkedIn for connecting with current business contacts to build and develop relationships to further levels as well as meet new professional contacts. It offers group discussions that create awareness and information sharing within the thriving **magnesium** community.

We encourage all IMA members to take advantage of the opportunities for **magnesium** discussion contributions and networking expansion. Utilize the IMA Group to meet amazing professionals within the **magnesium** industry across the globe. LinkedIn provides key resources that **magnesium** professionals need to be informed and even continue to grow.

Please visit our IMA Group website on LinkedIn and join today! You can find us here:

http://www.linkedin.com/groups/International-Magnesium-Association-IMA-107283?goback=%2Eanp_107283_1346872555081_1

INDUSTRY NEWS

Latrobe Magnesium Encouraged by Magnesium Recovery Results

Proactive investors reported that Latrobe Magnesium has received highly encouraging results from initial analytical work on its **magnesium** recovery process suggesting higher value is likely from the cementitious component of future **magnesium** production.

Latrobe approached CSIRO last year and commissioned a program of test work on the production of **magnesium** and cementitious material from Latrobe Valley brown coal fly ash. The residue material produced was tested for its suitability as a feedstock for the cement industry.

The material was found to contain a belite which is traditionally used in slow setting cement in appropriate concentration.

CSIRO and Engineered Material Solutions have successfully replicated Latrobe's Hydromet process in a scaled up test.

CSIRO scaled up the process some 4 times by volume compared to previous test work. Latrobe considered 2 different routes for the use of its material.

Firstly reprocessing the cementitious material to make an alite the major and preferred component of Portland cement which is fast setting and sold at a higher price and secondly using the existing belite material as a supplementary cementitious material replacement in Portland cement with very little additional processing.

Both the XRF and the XRD analyses showed that the reprocessing was successful in producing both an alite and a belite in appropriate portions to produce a Portland cement.

EMS conducted the tests using Latrobe's cementitious material as a supplementary cementitious replacement benchmarking Latrobe's material against a local fine grade fly ash that typically performs well in concrete.

At 30% Portland cement replacement Latrobe's material out performed this fly ash.

Latrobe's cementitious material is shown to be more reactive than normal grade fly ash.

EMS is still finishing the late age strength tests and expects to complete these in about 2 weeks. Latrobe will supply EMS with a large quantity of cementitious material for some further concrete type test work assessing how the belite material behaves when using chemical admixtures in a mix with aggregate and also characteristics such as drying shrinkage and durability type testing.

This month the company has been visiting and assessing a number of laboratories with large scale capacity to produce this material.

Latrobe will also need to carry out a cost benefit analysis in relation to either reprocessing the belite material into the preferred alite material or simply using the material as a replacement for supplementary cementitious material.

Market demand for these alternative products within the Latrobe Valley will also need to be part of this consideration.

Source: www.steelguru.com (23-Jan-2013)

Dycast International Announces New Service Offering

Dynacast International, a global die casting manufacturer, announced today that they are adding metal injection molding (MIM) to their service offerings. The addition of MIM as a manufacturing process means that Dynacast will be expanding its ability to produce small, complex components using a wider variety of metals.

The MIM process is suitable for producing small and even micro-size components, often with very complex geometries, using metals such as stainless steel, titanium, copper, and more. Dynacast has been manufacturing small- and medium-sized die cast components for more than 70 years using aluminum, **magnesium** and zinc alloys. By adding MIM as a new service offering, the company strengthens its commitment to producing the highest quality, precision-engineered components for its customers.

"We are delighted to be adding MIM to our service offerings," says Simon Newman, President and CEO of Dynacast. "This process is a natural fit for Dynacast, as it only sharpens our focus on providing small, complex components to our customers and it opens up a whole new market for us," Newman noted. Dynacast offers two manufacturing processes in addition to MIM; die casting and injected metal assembly (IMA). These processes are used to make metal components and assemblies for thousands of companies in hundreds of industries around the world.

Source: <http://www.freshnews.com> (12-Feb-2013)

ASIA NEWS

China Magnesium Industry Market Bulletin

Market Focus

Magnesium Market Remains Steady This Week

From February 18th to February 22nd, ex-works quotations for 99.9 minimum ingots from leading production bases maintained steady as indicated in Shanxi from 17,100 – 17,300 yuan, Shaanxi from 16,700 to 16,900 yuan and Ningxia from 16,900 – 17,100 yuan. Export prices stayed at \$2,840 - \$2,880 USD.

This week was the first week after the Spring festival. One Shaanxi-based traders said to Sunlight that this week's market run quite steady. "I believe that next week would be just as steady as before the festival. Many producers were just busy with previous orders. The demand is unchanged. So it would be difficult to rise for the price."

In Shanxi, a Yuncheng-based source confirmed with the stable market. Producers in Wenxi quoted at 17,300 yuan per ton (With acid treatment, packaged). Contracts were closed mainly at 17,100-17,200 yuan.

Whereas, a sales in Shaanxi told that they had run out of stocks. The supply is getting tight, so possibly the price will increase a little for the coming week.

Industry News

European Magnesium Ingot Traders Hit by Fake Materials from China

Recently, several European traders complained of receiving containers filled with bricks painted silvery to resemble **magnesium** ingots booked in November 2012. Such fraud shocked European traders and the news was quickly spread. Market involvers became vigilant. Sources said to Sunlight that there were fake **magnesium** ingots appeared in the late 90s of the last century, when fraudster mixed bricks with ingots. Recent behavior was much more unbelievable to the market.

It is heard that these silvery bricks were USD 40/t CIF Rotterdam lower than the market place at the time. Some traders lost nearly \$1,000,000 USD for this to the Chinese exporters which were brand-new and without past trade record. Victims are trying to investigate and hope to track them down.

Recently, several chinese **magnesium** exporters said to Sunlight that quite a few trading companies evaded VAT to get overseas contracts with lower prices. Thus, businesses left for legal and traditional companies were getting lesser. Now, things got more severe. These illegal companies were cancelled or ceased operations easily, so it is difficult to collect tax and claim from them. Sunlight analyses it was just done by some trading companies, it has no relationship with producers. Because producers won't take such a big risk to be involved in this. However, related departments will have eyes on this because evading of VAT is getting more obvious and frequently happened. Sooner or later, connected producer shall be found.

Sunlight believes that this matter will give buyers and users an important lesson. The lowest price is not a must. It is important to do business with scaled producers and traditional and honest traders. Choosing qualified partners is the key. And, to be mutually beneficial is the way to get business on the way.

As Sunlight learned that now China Customs is paying attentions to these illegal behaviors. Sunlight calls for strict self-discipline and active reports from related sources to keep international **magnesium** market in order and a positive reputation fro chinese **magnesium** industry.

China Exported 362 kt of Magnesium in 2012, Down by 9.27%

According to China Customs, China exported 362 kt of primary **magnesium** including **magnesium** ingots, **magnesium** alloy, wrought **magnesium**, **magnesium** powder/granules, **magnesium** articles in 2012, down by 9.27% y-on-y. Export income totaled at \$1.1 billion USD, down by 8.72% y-on-y. Chinese **magnesium** exports covers 87 countries and regions.

In accordance with the total amount, the Netherlands, Canada, Japan, the United States, South Korea, the top five export destinations, accounting for 24.61%, 12.32%, 9.63%, 7.14% and 4.99% respectively. Shang noted that **magnesium** network, China's exports to India, Mexico, the United Arab Emirates, Sweden, Romania, Norway, Greece and other countries to show greater growth.

Top 5 destined countries for exports were Holland (24.61%), Canada(12.32%), Japan(9.63%), US(7.14%), and Korea(4.99%). China gained great growth for exporting **magnesium** in India, Mexico, the United Arab Emirates, Swiss, Romania, Norway and Greece.

Top 30 Destined Countries/Regions for China's Magnesium Exports in 2012

No	County/ Region	Qty.(t)							
		Qty (t)	Percentage %	Growth Rate/y- o-y/%	Income (KUSD)	Percentage %	Growth Rate/y-o- y/%	Price USD/t)	Growth Rate/y-o- y/%
Total		362943.55		-9.27	1130775.1		-8.72	3115.57	0.6
1	Holland	89308.24	24.61	-9.16	274031.7	24.23	-10.38	3068.38	-1.34
2	Canada	44720.49	12.32	2.82	138437.8	12.24	0.91	3095.62	-1.86
3	Japan	34937.91	9.63	-14.03	113928.9	10.08	-10.94	3260.9	3.59
4	US	25906.76	7.14	-12.78	76498.0	6.77	-16.85	2952.82	-4.67
5	Korea	18122.02	4.99	0.44	58993.6	5.22	6.1	3255.35	5.64
6	India	14168.56	3.9	12.39	44973.8	3.98	22.76	3174.2	9.23
7	Taiwan	11578.84	3.19	8.14	36054.3	3.19	4.88	3113.81	-3.01
8	German	10906.58	3.01	-21.92	33141.4	2.93	-24.62	3038.67	-3.46
9	Slovenia	9991.02	2.75	-13.41	30172.3	2.67	-7.09	3019.94	7.29
10	UK	9066	2.5	-4.65	27398.0	2.42	-5.94	3022.06	-1.36
11	Turkey	8899.13	2.45	-20.33	26417.0	2.34	-16.62	2968.5	4.66
12	Mexico	6894.19	1.9	14.72	21908.9	1.94	14.84	3177.88	0.1
13	the United Arab Emirates,	6730.82	1.85	26.16	20946.2	1.85	31.62	3111.99	4.33
14	South Africa	6522.4	1.8	-4.16	20289.8	1.79	-3.41	3110.78	0.78
15	Australia	5812.38	1.6	-15.69	18779.0	1.66	-17.16	3230.86	-1.74
16	France	5644.43	1.56	-46.92	19039.3	1.68	-44.01	3373.11	5.48
17	Norway	5521.21	1.52	34.42	17350.7	1.53	30.64	3142.55	-2.81
18	Belgium	5139	1.42	-41.22	16028.7	1.42	-39.67	3119.03	2.64
19	Romania	4607.49	1.27	28.16	15033.3	1.33	26.29	3262.79	-1.46
20	Italy	3476.26	0.96	0.49	11367.0	1.01	3.99	3269.9	3.49
21	Slovakia	3226	0.89	-25.91	9317.7	0.82	-26.59	2888.32	-0.92
22	Greece	3091.11	0.85	61.23	9711.3	0.86	79.62	3141.69	11.4
23	Berlin	2801.46	0.77	-35.05	8722.5	0.77	-27.28	3113.55	11.96
24	Swiss	2794.1	0.77	47.04	8679.4	0.77	40.71	3106.33	-4.31

25	Ukrain	2534.74	0.7	0.75	7693.1	0.68	6.33	3035.06	5.54
26	Qatar	2187.69	0.6	25.23	6787.2	0.6	24.87	3102.47	-0.29
27	Russia	1781.86	0.49	-22.7	5741.6	0.51	-24.26	3222.25	-2.02
28	Argentina	1775.98	0.49	-19.23	5515.7	0.49	-15.08	3105.74	5.14
29	Thailand	1749.33	0.48	30.59	5942.1	0.53	38.12	3396.76	5.77
30	Egypt	1474.96	0.41	10.24	4510.0	0.4	8.52	3057.72	-1.56

China Exported 92.3 kt of Magnesium Alloy in 2012, Down by 7.09%

China exported 92.3 kt of **magnesium** alloy in 2012, down by 7.09% compared with year 2011. The number 1 exporter in 2012 for **magnesium** alloy was Xi'An Magontec, with 12,998.81 tons, accounting for 14.19% of the total. Number 2 was Nanjing Ruibao Metal, the global selling platform of Nanjing Welbow, with exports of 9,922.63 tons, accounting for 10.83% of the total. Number 3 was GMA German Metal Automotive Accessories (Tianjin), with **magnesium** alloy export of 6,404.63 tons, accounting for 6.99%. Shanxi International Import & Export with 5,8 ranked number 4 with 5,821.18 tons. In 2012. Sunglow Magnesium and Yulin Tianlong Magensium had seen obvious growth, ranking number 5 and number 6 respectively.

Top 15 Magnesium Alloy Exporters in China for 2012

No	Company	Export (t)	Percentage%
01	Xi'An Magontec	12998.81	14.19
02	Nanjing Ruibao Metal	9922.63	10.83
03	GMA German Metal Automotive Accessories (Tianjin)	6404.63	6.99
04	Shanxi International Import & Export	5821.18	6.35
05	Sunglow Magnesium	3788.55	4.13
06	Yulin Tianlong Magensium	2866.8	3.13
07	Shanghai Regal Magensium	2617	2.86
08	Item [2311960666]	1909.98	2.08
09	Shanxi Hengyu Magensium	1784.11	1.95
10	Metallurgical Import & Export Jianguo Company	1717	1.87

BAIC Mortor Signs Agreement with Lanzhou Institute of Technology for Magnesium Alloy Parts Key Technology Development

Recently, the signing ceremony for strategic cooperation between BAIC Mortor and Lanzhou Institute of Technology was held in the industrial R&D base of BAID Mortor.

Since BAID Mortor was established, its operation covers designation, manufacturing and testing for automobile, energy, engine, and key parts. The company owns product centers of engineering, research, forming and testing, as well as supporting facilities.

BAID Mortor has listed lightweight automobile technology into its differentiation advantages that they would be focusing on in the future. This time, the cooperation with Lanzhou Institute of Technology will unit both parties' advantages in research, trying to make breakthrough in key **magnesium** alloy parts research.

Price Indicators

Sunlight's Price, Pure Magnesium (>99.8%) and Aluminium

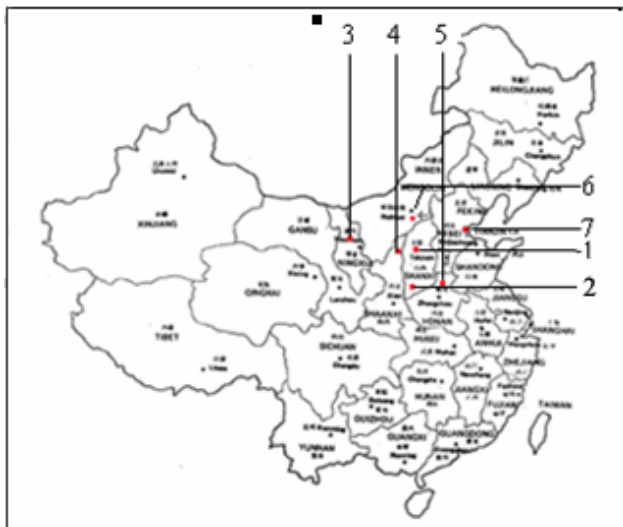
Item		Magnesium Price	Unit
Shanxi Province	Taiyuan City,ex-works ¹	17100-17300	RMB yuan/ton
	Yuncheng City,ex-works ²	17200-17400	RMB yuan/ton
Ningxia Autonomous Region, ex-works ³		16900-17100	RMB yuan/ton
Shaanxi Province, ex-works ⁴		16700-16900	RMB yuan/ton
Henan Province, ex-works ⁵		None	RMB yuan/ton
Inner Mongolia Autonomous Region, ex-works ⁶		None	RMB yuan/ton
FOB Xingang, Tianjin ⁷		2840-2900	USD/ton
CIF, Rotterdam Port		2930-3000	USD/ton
CIF, Toronto Port		2990-3040	USD/ton
Date	SHFE Spot Aluminium	Unit	
18-Feb-2013	14775/	RMB yuan/ton	
24-Feb-2013	14750/	RMB yuan/ton	

SHFE: Shanghai Future Exchange

(Exchange Rate of USD versus RMB is 6.2215 on Feb. 24^h based on <http://www.boc.cn/>. We place a Chinese map here to mark the major production bases and Xingang Port of Tianjin for your reference.)

Note:

1. All the ex-works price are VAT-paid.
2. The FOB price is based on ex-works basis, plus inland freight and miscellaneous expenses at Xingang Port of Tianjin. Because the distance from these six production bases to Xingang Port is different, their land freights also vary.
3. CIF prices are based on FOB price plus ocean freight and insurance, which will also vary time by time.



4. When getting ex-works price and FOB price, we give some weight numbers to each respondent and then get the weighted average prices.

Source: <http://www.metalbulletin.net.cn> (22-Feb-2013)



Marketplace

PLACE YOUR AD HERE

IMA Marketplace is a "classifieds" section for advertising equipment and materials for sale and positions available. Advertising rates for 4 Weeks Run, Space not to exceed 3" x 3", 100-word maximum:

- Members: \$100
- Non-members: \$150
- Blind Box Number: \$50 additional

For more information or to place an ad, please contact the IMA office by phone at +01 (847) 526-2010 or by email at info@intlomag.org